EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("7028011").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/16 13:18
L2	1	("7215610").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/16 13:24
L3	168	(369/47.54).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/16 15:10
L4	2575	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/06/16 15:10
L5	2293	(wobbl$3 meander$3 oscillat$3 dither$3) adj5 (prepit pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L6	48936	(lead adj2 in (lead-in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L7	194	L5 same L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L8	2722	L3 L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L9	59	L7 and L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L10	93	(wobbl$4 near5 pits) with (track near5 (middle or center)) with (distance or amount or pitch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10

L11	88	L10 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L12	164	((prepit$2 or pits) with wobbl$4) with ((lead adj2 in) or leadin or LIA or lead-in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L13	143	L12 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L14	85	(wobbl$4 near5 pits) with (displac$4 or shift$4 or align$4) with (track near5 (middle or center))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L15	73	L14 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L16	142	L13 not L15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/16 15:10
L17	1	("6208600").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/16 15:15
L18	1	("6330215").PN.	US-PGPUB; USPAT	OR	OFF	2010/06/16 15:15
S1	1	("7215610").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 11:10
S2	163	(369/47.54).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/03 12:20
S3	2288	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/12/03 12:34
S4	2057	(wobbl$3 meander$3 oscillat$3 dither$3) adj5 (prepit pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 12:35

S5	45249	(lead adj2 in (lead-in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 12:42
S6	157	S4 same S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 12:42
S7	2430	S2 S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 12:42
S8	41	S6 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 12:42
S9	1	10/789992	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 12:46
S10	1	("20010007545").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:16
S11	1	("20010014077").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:16
S12	1	("20010038603").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:16
S13	1	("20020001274").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:16
S14	1	("20020021635").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:17
S15	1	("20020024898").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:17
S16	1	("20020024914").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:17
S17	1	("20020027855").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:17
S18	1	("20020110067").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:18
S19	0	("2003002427").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:18

S20	1	("20030002427").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:18
S21	1	("20030002430").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:18
S22	1	("20030012098").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:18
S23	1	("20030067849").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:19
S24	1	("20030112736").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:19
S25	1	("20050112736").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:19
S26	1	("5513260").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:19
S27	1	("5538773").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:19
S28	1	("5572507").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:20
S29	1	("5706047").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:20
S30	1	("5737286").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:20
S31	1	("5706268").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:20
S32	1	("5936933").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:20
S33	1	("5940364").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:21
S34	1	("6070799").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:21
S35	1	("6081785").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:21
S36	1	("6128272").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:21
S37	1	("6144625").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22
S38	1	("6266299").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22
S39	1	("6353890").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22
S40	1	("6532206").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22
S41	1	("6546490").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22
S42	1	("6603720").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22

S43	1	("6608804").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:22
S44	1	("6671249").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:23
S45	1	("6694023").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:23
S46	1	("6707774").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:23
S47	1	("7012859").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:23
S48	1	("7014815").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:23
S49	1	("7028011").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:24
S50	1	("7035172").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:24
S51	1	("7050383").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:24
S52	1	("7061850").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:24
S53	1	("7215610").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:24
S54	1	("7302588").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:25
S55	1	("5706047").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:25
S56	1	("6070799").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:25
S57	1	("6694023").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:25
S58	1	("7035172").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:26
S59	1	("7050383").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:26
S60	1	("7050383").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:26
S61	1	("7061850").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:26
S62	1	("7302588").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:26
S63	1	("20030048705").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:27
S64	1	("6560152").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:37
S65	1	("6560182").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 15:37

S66	1	("20010006575").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/03 19:47
S67	2144	(wobbl$3 meander$3 oscillat$3 dither$3) adj5 (prepit pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/26 11:11
S68	46597	(lead adj2 in (lead-in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/26 11:11
S69	167	S67 same S68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/26 11:11
S70	163	(369/47.54).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/26 11:12
S71	2406	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/26 11:12
S72	2548	S70 S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/26 11:12
S73	45	S69 and S72	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/26 11:12
S74	1	("5051998").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:35
S75	1	("7280461").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:35
S76	1	("20050111315").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:35
S77	1	("4907216").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:36
S78	1	("6535477").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:36
S79	1	("6549498").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:36
S80	1	("6580678").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:37

S81	1	("6707785").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/26 12:37
S82	1	("7215610").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/09 11:57
S83	3	10/789992	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:30
S84	2238	(wobbl$3 meander$3 oscillat$3 dither$3) adj5 (prepit pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:36
S85	47639	(lead adj2 in (lead-in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:36
S86	189	S84 same S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:36
S87	154	S86 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:36
S89	4	S86 same (shift or move or moving or align or misalign)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:44
S90	4	S86 same (shift or move or moving or align or misalign ro displac$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 12:44
S91	1	("4747609").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/09 13:17
S92	1	("4748609").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/09 13:18
S93	1	("6603732").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/09 13:21

S94	1	("6014348").PN.	US-PGPUB; USPAT	OR	OFF	2009/12/09 13:24
S95	0	(((shift$4 or move or moving or align or misalign or displac$4) near5 (prepit$2 or pits)) with (track near5 center) same ((lead adj2 in) or leadin or LIA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:26
S96	13	(((shift$4 or move or moving or align or misalign or displac$4 or away) with (prepit$2 or pits)) with (track or center)) same ((lead adj2 in) or leadin or LIA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:29
S97	1	S94 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:31
S98	0	S96 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:31
S99	0	((prepit$2 or pits) with (track near5 center)) same ((lead adj2 in) or leadin or LIA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:32
S100	82	((prepit$2 or pits) with (center)) same ((lead adj2 in) or leadin or LIA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:34
S101	0	((prepit$2 or pits) with (center or middle)) same ((lead adj2 in) or leadin or LIA) same wobbl$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:34
S102	0	((prepit$2 or pits) with (center or middle)) same ((lead adj2 in) or leadin or LIA) and wobbl$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:35

S103	16	((prepit$2 or pits) same wobbl$4) same ((lead adj2 in) or leadin or LIA)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:35
S104	10	S103 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:36
S105	471	((prepit$2 or pits) same wobbl$4) same ((lead adj2 in) or leadin or LIA or lead-in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:36
S106	19	(((shift$4 or move or moving or align or misalign or displac$4 or away) with (prepit$2 or pits)) with (track or center)) same ((lead adj2 in) or leadin or LIA or lead-in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:37
S107	5	S106 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:37
S108	13	((prepit$2 or pits) with (center or middle)) same ((lead adj2 in) or leadin or LIA or lead-in) same wobbl$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:39
S109	10	S108 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:39
S110	90	((prepit$2 or pits) with (center or middle)) same ((lead adj2 in) or leadin or LIA or lead-in) and wobbl$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:39

S111	81	S110 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:39
S112	371	((prepit$2 or pits) with wobbl$4) same ((lead adj2 in) or leadin or LIA or lead-in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:41
S113	313	S112 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:41
S114	48	((prepit$2 or pits) with wobbl$4) same ((lead adj2 in) or leadin or LIA or lead-in) same (track near5 (middle or center))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:42
S115	31	S114 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:42
S116	156	((prepit$2 or pits) with wobbl$4) with ((lead adj2 in) or leadin or LIA or lead-in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:43
S117	135	S116 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:44
S118	242	(wobbl$4 near5 pits) with (track near5 (middle or center))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:49

S119	85	(wobbl$4 near5 pits) with (displac$4 or shift$4 or align$4) with (track near5 (middle or center))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:55
S120	73	S119 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 13:56
S121	134	S117 not S120	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 14:16
S122	0	(wobbl$4 near5 pits) with (track near5 (middle or center)) with nm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 14:21
S123	93	(wobbl$4 near5 pits) with (track near5 (middle or center)) with (distance or amount or pitch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 14:22
S124	88	S123 and "369".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 14:22
S125	165	(369/47.54).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/12/09 15:22
S126	2498	(369/275.3).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/12/09 15:22
S127	2238	(wobbl$3 meander$3 oscillat$3 dither$3) adj5 (prepit pit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 15:22
S128	47639	(lead adj2 in (lead-in))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 15:22

S129	189	S127 same S128	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 15:22
S130	2642	S125 S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 15:22
S131	57	S129 and S130	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/09 15:22

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